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FORM		First Named Inventor	Brendo	n Conlan		
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		Examiner Name	Arun S	. Phasge		
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Fee Attached		Licensing-related Papers		of Appeals and Interferences		
Amendment/Reply		Petition		(Appeal Notice, Brief, Reply Brief)		
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Examiner Initials*			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevent Passages or Rolevent Floures Appear					
	1	5,437,774		LAUTSEN	08/01/1995					
	2	3,878,564		YAO et al.	04/22/1975	FAX RECEIVE				
	3	4,036,748		KNICKEL et al.	07/19/1977	t e e e e e e e e e e e e e e e e e e e				
	4	4,045,337		KNICKEL et al.	08/30/1977	AIIC 1 1 2004				
	5	4.045,455		VOGEL ·	08/30/1977					
	6	4,069,215		ELFERT et al.	01/17/1978	PETITIONS OFFIC				
	7	4,115,225		PARSI	09/19/1978	- PEHHONO OF LIP				
	8	4,123,342		AHLGREN	10/31/1978					
	9	4,174,439		RAUENBUSCH et al.	11/13/1979					
	10	4,196,304		NAUMANN	04/01/1980					
	11	4.204,929	BIER	BIER 05/27/1980						
	12	4,217,227		ELFERT et al.	08/12/1980					
	13	4,238,306		PERRY et al.	12/09/1980					
	.14	4.238,307		PERRY et al.	12/09/1980					
	15	4,252,652		ELFERT et al.	02/24/1981					
	16	4,259,079		BLUM	03/31/1981					
	1.7	4,269,967		ELFERT et al.	05/26/1981					
	18	4,276,140		JAIN	06/30/1981					
	19	4,279,724		HEARN et al.	07/21/1981					
	20	4,299,677		VENKATASUBRAMANIAN et al.	11/10/1981					

				FOR	EIGN PATENT DOCUMENT	5		
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	22	wo	98/21384		BAYER AKTIENGESELLSCHA	05/22/1998		
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	24	4,322,275		JAIN	03/30/1982	FAX RECEI
	25	4,362,612		BIER	12/07/1982	- COEI
	26	4,376,023		VENKATSUBRAMANIAN et al.	03/08/1983	<i>1110 a .</i> 1
	27	4,381,232		BROWN	04/26/1983	
	28	4,383,923		ELFERT	05/17/1983	PETITIONS OFFI
	29	4,396,477		JAIN	08/02/1983	WS OFFI
	30	4,441,978		JAIN	04/10/1984	
	31	4,533,447		MELDON	08/06/1985	
	32	4,608,140		GOLDSTEIN	08/26/1986	
	33	4,661,224		GOLDSTEIN et al.	04/28/1987	
	34	4,673,483		MANDLE	06/16/1987	
	35	4,711,722		TOYOSHI et al.	12/08/1987	
	36	4,746,647		SVENSON	05/24/1988	
	37	4,780,411		PIEJKO et al.	10/25/1988	
	38	4,897,169		BIER et al.	01/30/1990	
	39	4,963,236		RODKEY et al.	10/16/1990	
	40 5,043,048 MURALIDHARA		MURALIDHARA	08/27/1991		
	41	5,080,770		CULKIN	01/14/1992	
	42	5,082,548		FAUPEL et al.	01/21/1992	
	43	5,087,338		PERRY et al.	02/11/1992	

				FORE	GN PATENT DOCUMENT	rs		
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	44	5,096,547	KLOTZ et al.	03/17/1992	FAX RECEIV
	45	5,114,555	STIMPSON	05/19/1992	- CEIVE
	46	5,127,999	KLOTZ et al.	07/07/1997	AHQ 1 1 200.
	47	5,160,594	HUFF et al.	11/03/1992	- 1 2004
	48	5,173,164	EGEN et al.	12/22/1992	DETERMINE
	49	5,185,086	KAALI et al.	02/09/1993	PETITIONS OFFIC
	50	5,238,570	HUGL et al.	08/24/1993	
	51	5,277,774	SHMIDT et al.	01/11/1994	
*****	52	5,336,387	EGEN et al.	08/09/1994	
	53	5,340,449	SHUKLA	08/23/1994	
	54	5,352,343	BAILES et al.	10/04/1994	
	55	5,407,553	HERRON et al.	04/18/1995	
	56	5,420,047	BRANDT et al.	05/30/1995	
	57	5,441,646	HELLER et al.	08/15/1995	
	58	5,490,939	GERIGK et al.	02/13/1996	
	59	5,503,744	IKEMATSU et al.	04/02/1996	
	60	5,504,239	MEHL et al.	04/02/1996	
	61	5,558,753	GALLAGHER et al.	09/24/1996	
	62	5,561,115	TENOLD	10/01/1996	
<u> </u>	63	5,565,102	BRANDT et al.	10/15/1996	

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	64	5,610,285		LEBING et al.	03/11/1997	1				
	65	5,662,813		SAMMONS et al.	09/02/1997	1 1 1 00				
	66	5,723,031		DURR et al.	03/03/1998					
	67	5,733,442		SHUKLA	03/31/1998	PETITIONS.OFF				
	68	5,736,023		GALLAGHER et al.	04/07/1998					
	69	5,868,938		BOMER, deceased, et al.	02/09/1999					
	70	5,891,736		CHAPOTEAU et al.	04/06/1999					
	71	5,906,724		SAMMONS et al.	05/25/1999					
	72	5,938,904		BADER et al.	08/17/1999					
	73	5,986,075		DUBOSE et al.	11/16/1999					
	74	6,093,296		SOANE et al.	07/25/2000					
	75	6,117,297		GOLDSTEIN	09/12/2000					
	76	6,129,842		KOSTANIAN	10/10/2000					
	77	6,171,825		CHAN et al.	01/09/2001					
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	FOREIGN PATENT DOCUMENTS											
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	1	Corthala C	I of all m	1					
	80	Corthals, G.L. et al, Electrophoresis, 1997, Vol. 18, No. 3-4, pages 317-323, "Prefractionation of Protein Samples Prior to Two-dimensional							
		Electrophoresis".							
	· · · · · ·			ectrophoresis,	1996, Vol	. 17. No.	1, pages 224-		
	81	226, "Prepa	rative Affin:	ity Membrane E	lectrophor	esis".			
		Corthals, G	.L. et al, E	Electrophoresis, 1997, Vol. 17, No. 4, pages 771-					
	82			d Membrane Por	osity in P	reparativ	e		
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	83	"Dreparativ	o Peflux Fla	ectrophoresis, ctrophoresis".	1995, Vol	. 16, No.	1, pages 98-100,		
					1994 Vol	15 No	7, pages 968-		
	84	971, "Multi	functional A	pparatus for E	lectrokine	. 15, NO. tic Proce	/, pages 968-		
		Proteins".					331119 01		
	85	Applied and	Theoretical	Electrophores	sis, Vol.	3, No. 1	, 1992, pages 13-		
	ره	16, C.W. Wr	igley et al,	"Rapid (Ten M	linute) Por	e-gradien	t Electrophoresis		
		of Proteins	and Peptides	s in Micrograd	Gels".		-		
	86	Journal of	Chromatograp	hy, Vol. 773,	No. 1-2,	1997, pa	ges 229-309, G.L.		
		Corthals et	al, "Purifi	cation by Ref.	lex Electr	ophoresis	of Whey Proteins		
		Separation	Science or	Tachralagu	a in Dicty	ostelium :	Discoideum".		
	87	J.L. Schmid	actence and	"Electrophoras	vol. 27, 1	vo. 1, 19	992, pages 11-27, ermeable Membrane		
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	88			gineering, Vol. low Electrophore			pages 123-137, C. nd Viruses".		
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	90	5,087,338	02/11/92	Perry, et al.	204	182		
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	92	2 118 975 A	02/16/83	United Kingdom				
	93	PCT/US92/08071 WO 93/06475	09/23/92 04/01/93	WIPO				
	94	0 369 945 A2	11/09/89	Europe				
	95_	2 118 975 A	02/16/83	United Kingdom	ļ			
	96_	DE 41 16 179 a!	11/19/92	Germany	-		yes abstract	
	97	EP 0 477 541 B1	08/23/91	Europe				
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Form PTO-	1449		Attorney	Docket No.	Se	erial No.:			
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	100	94/22904	10/13/94	WO					
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	101	Corthals, G.L. e	OTHER I et al., Electrical of I	DOCUMENTS (Including etrophoresis, 1997 Protein Samples Pr	Vol.	Fitle, Date, Pertin 18, No. 3-4,	nent Pages, Etc.) pages 317-		
	102	Horvath, S.T. et	Floor	crophoresis, 1996,		7, No. 1, pag	ges 224-226,		
	103	International Se	arch Report	Dated 5/2/00	13",				
	104	Corthals, G.L. e "The Role of pH	et al., Elec and Membran	strophoresis, 1997 he Porosity in Pre	, Vol. parativ	17, No. 4, pa e Electrophor	nges 771-775, cesis".		
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	105	ELebaractive ver	flux Electro	crophoresis, 1995, ophoresis".	Vol. 16,	No. 1, pag	ges 98-100,
	106	Horvath, S.J. et "Multifunctional	c al., Elect l Apparatus	trophoresis, 1994, for Electrokinetic	Vol. 15, c Process	No. 7, paging of Pro	ges 968-971, teins".
	107	Applied and Theo	oretical Ele al, "Rapid	ectrophoresis, Vol (Ten Minute) Pore	. 3, No.	1, 1992, pa	ages 13-16.
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	108	Journal of Chro Corthals et al, of a Recombinan	matography,	Vol. 773, No. 1-2	, 1997, p	pages 229-3	O9, G.L. Proteins and
	109	Separation Scie Schmidt et al.,	ence and Tech "Electropho	pressed in Dictyo nnology, Vol. 27, presis Along a Sem	No. 1, 19 ipermeab	92, pages e Membrane	11-27, J.L. Surface".
	110	al., "Free-Solu Gradient Column	tion Electron and by Capi	Vol. 707, No. 1, ophoresis of Prote Llary Electrophor	ins in ar esis".	n Improved	Density
	111	Biotechnology a Mullon et al	and Bioengine	eering, Vol. 30, N Electrophoresis	o. 1, 198 of Protei	37, pages 1	23-137, C.
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				U.S. PATENT DO	OCUMENTS		
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1	13	US-6464851 B1	10-2002	Conlan et al.			204/543
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1	15	Mullon et al., " Forced-Flow El. 123-137.	ectrophoresis	of Proteins and Vir	ruses" (1987) Biotechr	nology and Bioengineer	ing, Vol. XXX, Pp
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Substitute for form 1449/PTQ	Con	iplete if Known
	Application Number	09/887,208
INFORMATION DISCLOSURE	Filing Date	
	First Named Inventor	CONLAN
STATEMENT BY APPLICANT	Art Unit	
(Use as many sheets as necessary)	Examiner Name	
Sheet 14 of 14	Attorney Docket Number	56104576+23

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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	119	UK 2118975A	2/16/83			⇈
	120	WO 93/06475	4/1/93			
		EP 0369945A2	11/9/89			
		DE 4116179A1	11/19/92			Т
	123	EP 0477541B1	8/23/91			
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